

C-O-N-F-I-D-E-N-T-I-A-L

T/VI/M-16
7 October 1965

UNITED STATES INTELLIGENCE BOARD

COMMITTEE ON DOCUMENTATION

TASK TEAM VI - RESEARCH & DEVELOPMENT

Minutes of the Sixteenth Meeting, 9 September 1965

Members or Their Representatives Present

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DEFENSE	- Dr. Ruth M. Davis, Chairman
CIA	- Mr. [REDACTED]
DIA	- Dr. [REDACTED]
NSA	- Mr. [REDACTED] (Consultant)
ARMY	- Mr. Norman J. Taupeka Mr. Milton A. Lipton
NAVY	- Mr. Richard L. Bragan
AIR FORCE	- Lt. Col. Waldo Bertoni
CSS	- Mr. [REDACTED] Secretary

1. The draft minutes of the fifteenth meeting were distributed and approved with minor corrections.

2. The Chairman distributed, for reading and comment, a caveat paragraph which provided an explanation of the exclusions and inclusions concerning the technical areas of "intelligence data handling." After consideration by the Team, it was agreed that this caveat section would be inserted in the introduction.

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3. [REDACTED] reviewed the funding statistics that have been generated by the various DoD agencies. He agreed to prepare a consolidated chart in final draft with the CIA and NSA figures appropriately included. The chart will be accompanied by a short paper describing the method of approach, the validating criteria, and conclusions based on the figures.

GROUP I
Excluded from automatic
downgrading and
declassification.

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- 2 -

4. Lt. Col. Bertoni distributed, for comments and approval, a paper on the need for self-sufficiency of the intelligence community in certain R&D areas. These areas include: photo interpretation aids, mapping and charting, cryptanalysis, ELINT handling, signal analysis aids, and warning and indicator aids. The question was raised whether there were directives other than NSCID No. 6 and 8 related to specific responsibilities in these areas. It was indicated that no other directives were found which specifically provided any other R&D responsibility within the Intelligence Community. The Chairman asked the group if there were any reasons to delete any of these or to add any other areas to this list. No further suggestions were made. The Chairman then suggested and the group agreed that this paper, along with the analysis information provided by [] (this concerned the relevance of information processing type projects in the non-intelligence world to the R&D requirements of the Intelligence Community), should be included as part of the report.

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5. The Team next considered a paper distributed by [] entitled "Application of ADP Systems to Current Intelligence and Warning" and a paper distributed by Mr. Lipton entitled "Predictive Calculations." After reading these, the Team discussed the contents of both papers, how they related to each other and to prior submissions of various Team members. It was agreed that the material in both papers was relevant, was combinable, and should be part of the report. One of the more important points developed during the discussion of these papers was that the Community obviously needs to develop better inference techniques so that more accurate predictions can be made at all levels within the Intelligence Community. It was noted that there was little being done in this field at this time. Mr. Lipton agreed to take these two papers, combine them and return the product to Dr. Davis by early in the week of 20 September.

6. The Chairman next distributed, for reading and comment, a paper entitled "Recommended Applications for Immediate Initiation." Five basic recommendations were made. These include: establishment of a management mechanism, allocation of resources for a warning and indications effort; funding of a report listing information services of use to the Intelligence R&D Community; evaluation of two different types of IDH systems to determine and establish methodology criteria; and lastly, the establishment of a feedback mechanism between finished intelligence users and producers in the IDH R&D establishment. Each of these items was considered in detail. An effort was made to further define a "management mechanism." Dr. Davis pointed out that this is defined in some detail in the section to be provided the members later in the meeting. The question was raised as to what is desired: the continuation of a committee which would have nominal advisory function or one more management channel of approval which

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- 3 -

would be directly in line from the highest authority within the Intelligence Community. These are the two extremes. The latter type organization, for example, could include the functions of directing, controlling, approving, delegating, coordinating, recommending, requesting information and reviewing. The committee, on the other hand, might only have the authority to request information, review, recommend and possibly coordinate. It was agreed that the desirable organization is somewhere in between these two extremes and that it is managerial in nature, not merely technical. It was further agreed that whatever CODIB and USIB agrees to in terms of the concept of such a group, the Team can at this time only make such a recommendation and that a subsequent group must spell out the details as to its processing authority under an appropriate directive. It was noted that each of these recommendations is quite specific and that this is desirable. The Chairman asked if there were any changes or additions that the members may care to make to this section. No changes were suggested and it was agreed that this paper would become the basis of the recommendations section of the report. [] suggested the possible inclusion of a recommendation concerning the improvement of intelligence processing for decision-makers. The Chairman responded by suggesting that he prepare a short paper on this point for possible insertion in this section. [] indicated he would do so.

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7. The Chairman distributed a paper entitled "Conceptual and Managerial Consolidation Concerning Intelligence Data Handling R&D." After the members had read this paper, the Chairman in response to a question, discussed the managerial relationships involved between the government R&D community, the President's Science Advisory Committee, the Federal Council on Science and Technology, the Office of Science and Technology and the President's Scientific Advisor. Some analogies were drawn between that structure along with its responsibilities and the mechanism to be recommended by this report. The paper lists three premises: the greater part of the technical competence in information handling lies outside the intelligence community; many aspects of intelligence data handling are identical to those of general information handling and the intelligence community can share its common need R&D costs with other agencies; the intelligence community can concentrate its resources on requirements which are unique to it. In view of these points, two general actions should be considered: a mechanism to establish intelligence data handling R&D objectives and policies should be formalized by USIB within the appropriate NSCID/DCID series. Secondly, a formalized reporting mechanism should be established under USIB sponsorship to disseminate technical and planning information concerning intelligence data handling R&D within the intelligence community. After discussion of some of the salient points of this paper, the Team agreed that it should be included as one section of the report.

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- 4 -

8. As a general wrap-up, the Chairman asked if there was any more information planned to be submitted by any of the members and if anyone felt that there were major items now missing in the various elements of the report as submitted and to be amended. No further suggestions were made.

9. The method of consolidation of the various elements of this report was next considered. The Chairman suggested that the Army and NSA representatives meet with the Secretary in a consolidation and assembly session during which the group could prepare an outline, isolate gaps, suggest connectives, etc. This session was set for all day on 15 September 1965. Depending upon the results of that working session, the next meeting will be called some time during the week of the 20th of September with the goal of having the report approved in draft by all members during that week.

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Secretary

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